

TOWN OF CANTERBURY, CONNECTICUT


SITE PREPARATION FOR THE PROPOSED MUNICIPAL DPW MAINTENANCE/STORAGE BUILDING

**111 KINNE ROAD
CANTERBURY, CONNECTICUT**

PLAN DESIGNED AND PREPARED BY:

**NORTHEASTERN CONNECTICUT COUNCIL OF GOVERNMENTS
125 PUTNAM PIKE
P.O. BOX 759
DAYVILLE, CT 06241
PHONE: (860) 774-1253
FAX: (860) 779-2056**

GENERAL LEGEND

— 400 —	EXISTING CONTOUR LINE
— [403] —	PROPOSED CONTOUR LINE
× 403.90	SPOT ELEVATION
	WETLAND AREA
---	EXISTING PROPERTY LINE
~~~~~	SILT FENCE & LIMIT OF DISTURBANCE
●	EXISTING UTILITY POLE
⇒	TRAFFIC DIRECTION OF FLOW ARROW

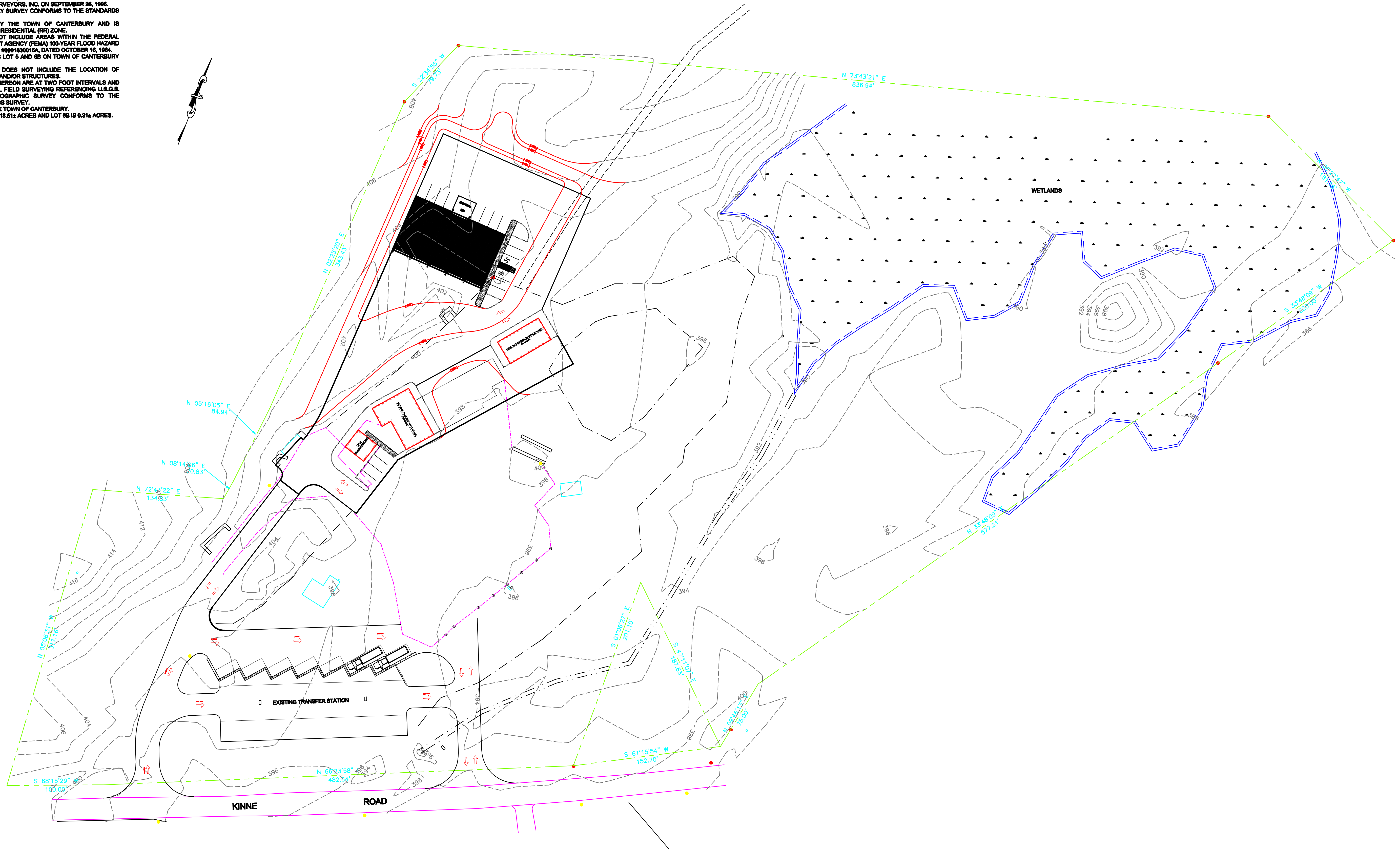
### INDEX OF DRAWINGS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
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GP-1	<b>GRADING PLAN</b>
LP-1	LAYOUT PLAN
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**NOVEMBER 2012**

NOTES

1. THIS SURVEY AND MAP, WHICH WAS PREPARED BY MARK H. SULLIVAN, L.S. OF LAND SURVEYING AND ENVIRONMENTAL CONSULTING, LLC, 30 PLEASANT VIEW COVE, LISBON, CT 06351, TEL. NO. (860) 378-8625, JANUARY 9, 2010, HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
2. THIS PROPERTY/BOUNDARY SURVEY CONFORMS TO THE STANDARDS OF AN A-2 CLASS SURVEY.
3. PROPERTY IS OWNED BY THE TOWN OF CANTERBURY AND IS LOCATED WITHIN A RURAL RESIDENTIAL (RR) ZONE.
4. THIS PROPERTY DOES NOT INCLUDE AREAS WITHIN THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) 100-YEAR FLOOD HAZARD AREA. COMMUNITY PANEL #00160015A, DATED OCTOBER 16, 1984.
5. THE PROPERTY SHOWN IS LOT 6 AND 6B ON TOWN OF CANTERBURY TAX MAP 21.
6. THIS SURVEY AND MAP DOES NOT INCLUDE THE LOCATION OF UNDERGROUND UTILITIES AND/OR STRUCTURES.
7. CONTOUR LINES SHOWN HEREON ARE AT TWO FOOT INTERVALS AND ARE BASED UPON ACTUAL FIELD SURVEYING REFERENCING U.S.G.S. VERTICAL DATUM. TOPOGRAPHIC SURVEY CONFORMS TO THE STANDARDS OF A T-2 CLASS SURVEY.
8. OWNER OF RECORD IS THE TOWN OF CANTERBURY.
9. PARCEL AREA OF LOT 6 IS 15.51± ACRES AND LOT 6B IS 0.31± ACRES.

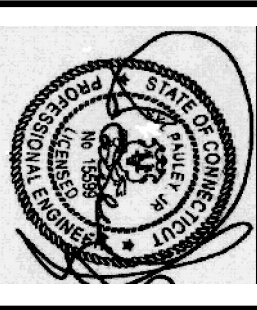


REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION INCLUDING  
ESTIMATED QUANTITIES OF WORK  
SHOWN ON THESE SHEETS IS  
BASED ON LIMITED  
INVESTIGATIONS BY NECCOG AND  
IS IN NO WAY WARRANTED TO  
INDICATE THE CONDITIONS OF  
ACTUAL QUANTITIES OF WORK  
WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:  
CHECKED BY:  
SCALE: **GRAPHIC SCALE**  
0 10 20 40 60 80 100 FT  
1 IN = 80 FT

**NORTHEASTERN CONNECTICUT  
COUNCIL OF GOVERNMENTS**  
**SYL PAULEY, JR., P.E.**  
ENGINEER:  
APPROVED BY:  
DATE: **NOVEMBER 2, 2012**



PROJECT TITLE:  
**PROPOSED  
DPW MAINTENANCE/STORAGE BUILDING  
SITE DEVELOPMENT PLAN**  
**111 KINNE ROAD  
CANTERBURY, CONNECTICUT**

TOWN:  
**CANTERBURY, CT**  
DRAWING TITLE:  
**OVERALL PROPERTY PLAN**

PROJECT NUMBER:  
DRAWING NUMBER:  
SHEET NUMBER:  
**OPP-1**











CONSTRUCTION NOTES

- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO "STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 816", DATED JULY 2012, AND SUPPLEMENTS THERETO.
- ALL EXISTING SITE FEATURES NOT SCHEDULED TO REMAIN SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS NOT SCHEDULED FOR PAVEMENT OR CONCRETE WALKS SHALL BE PERMANENTLY ESTABLISHED AS TURF.
- THE LOCATIONS OF EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AND CONTACT "CALL BEFORE YOU DIG" AT (800) 922-4455 AND OBTAIN ALL APPLICABLE PERMITS, PRIOR TO ANY EXCAVATION AROUND UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC.

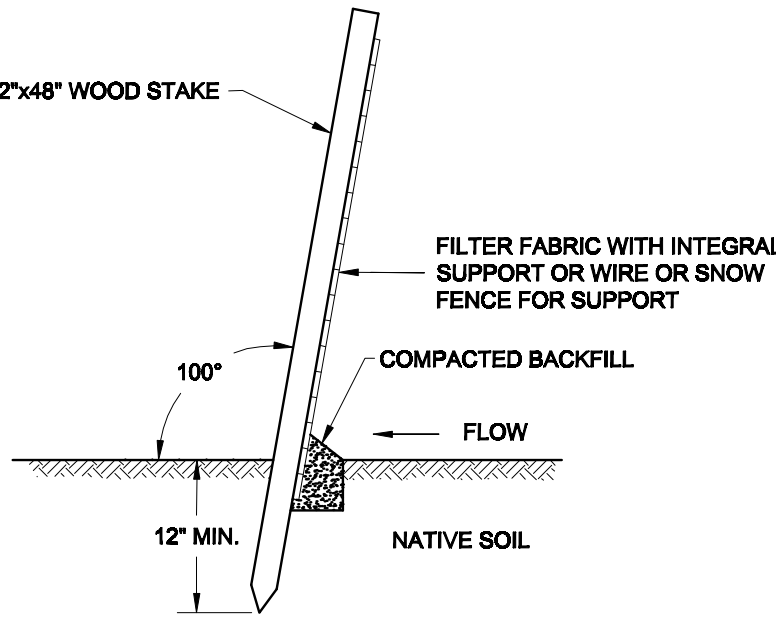
EROSION & SEDIMENTATION CONTROL NOTES AND SEQUENCE OF OPERATIONS

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY THAT PRIOR TO ANY CONSTRUCTION, EXCAVATION OR FILLING, ALL IMPROVEMENTS SHALL BE ACCURATELY STAKED IN THE FIELD BY A LAND SURVEYOR WHO IS REGISTERED IN THE STATE OF CONNECTICUT.
- ALL PAVEMENT, TREES AND BRUSH WITHIN THE AREAS OF DISTURBANCE SHALL BE REMOVED. STUMPS SHALL BE EXCAVATED FROM THE DISTURBED AREA AND, ALONG WITH BRUSH, LIMBS AND SAPLINGS, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS.
- FINAL GRADES SHALL BE ACHIEVED AS QUICKLY AS POSSIBLE AND, IMMEDIATELY THEREAFTER, SIDESLOPES SHALL BE STABILIZED WITH 4" OF TOPSOIL. THE AREA SHALL BE SEEDED AND PROTECTED WITH STRAW MULCH IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED HEREIN.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE "2002 CONNECTICUT EROSION & SEDIMENTATION GUIDELINES", CT DEP BULLETIN NO. 34.
- ANY SILT FENCE DAMAGED AS A RESULT OF A STORM EVENT OR CONSTRUCTION ACTIVITIES SHALL BE IMMEDIATELY REPAIRED.
- THE TOWN OF CANTERBURY SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND AT KEY POINTS DURING CONSTRUCTION SO THAT INSPECTIONS OF EROSION AND SEDIMENTATION CONTROL MEASURES CAN BE SCHEDULED.
- SEED MIXTURE TO BE USED ON THIS PROJECT IS THE FOLLOWING:

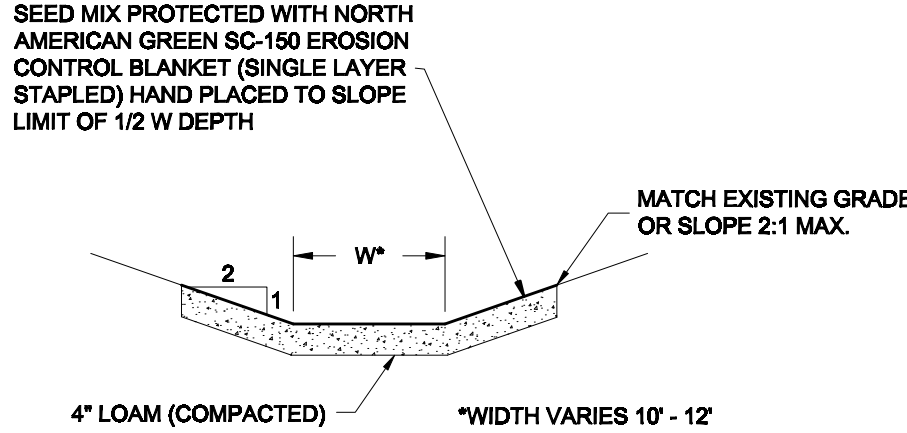
SEED	LB/1,000 SF
KENTUCKY BLUEGRASS	.45
CREeping RED FESCUE (PENNLAWN, WINTERGREEN)	.45
PERENNIAL RYEGRASS (NORLEAS, MANHATTEN)	.10
TOTAL	= 1.00

AGRICULTURAL LIMESTONE SHALL BE SPREAD AT THE RATE OF 2 TONS PER ACRE OR 100 LB PER 1,000 S.F. APPLY 10-10-10 FERTILIZER AT A RATE OF 300 LB PER ACRE OR 7.5 LB PER 1,000 S.F. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 4".

- THE RESPONSIBILITY FOR IMPLEMENTATION OF THIS PLAN SHALL REST WITH THE CONTRACTOR AWARDED THE PROJECT.



SILT FENCE INSTALLATION  
(NOT TO SCALE)

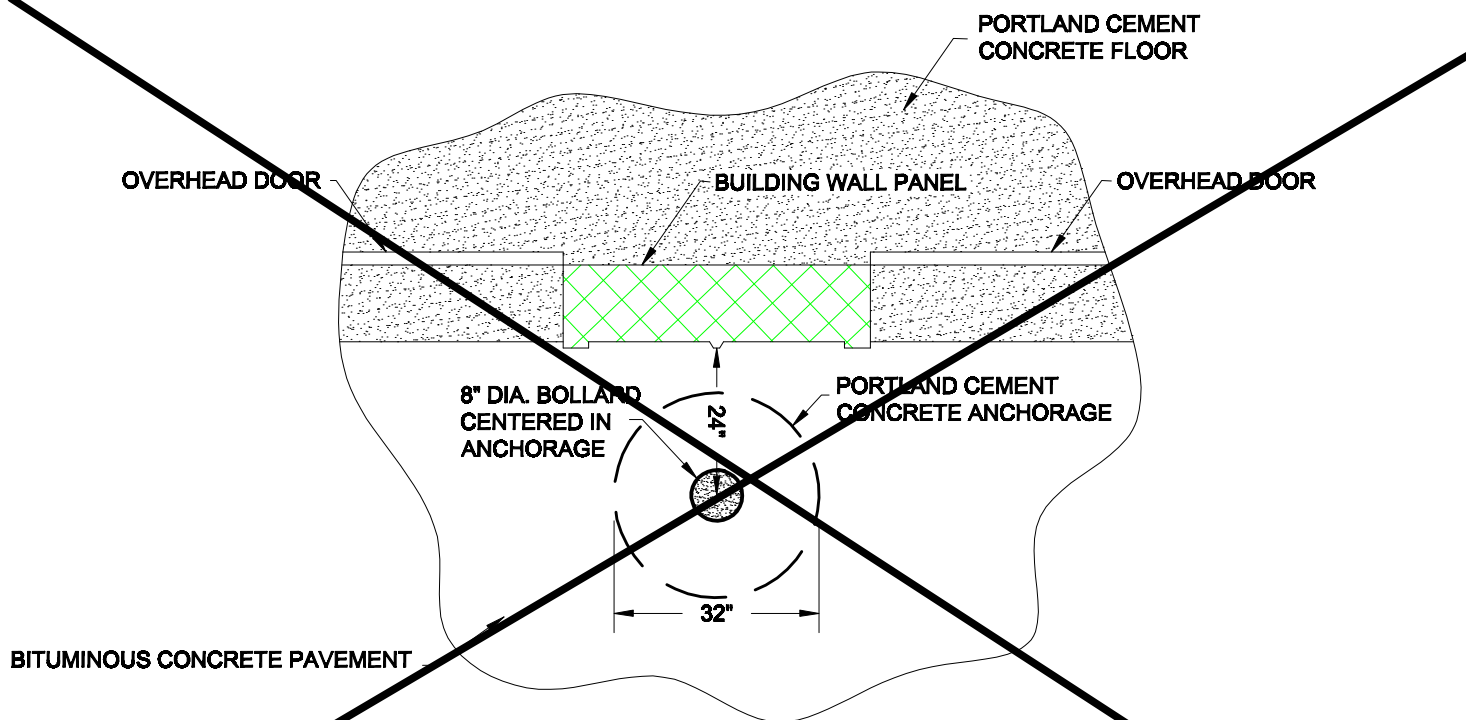


SEEDED DRAINAGE SWALE  
(NOT TO SCALE)

BOLLARD CONSTRUCTION NOTES:

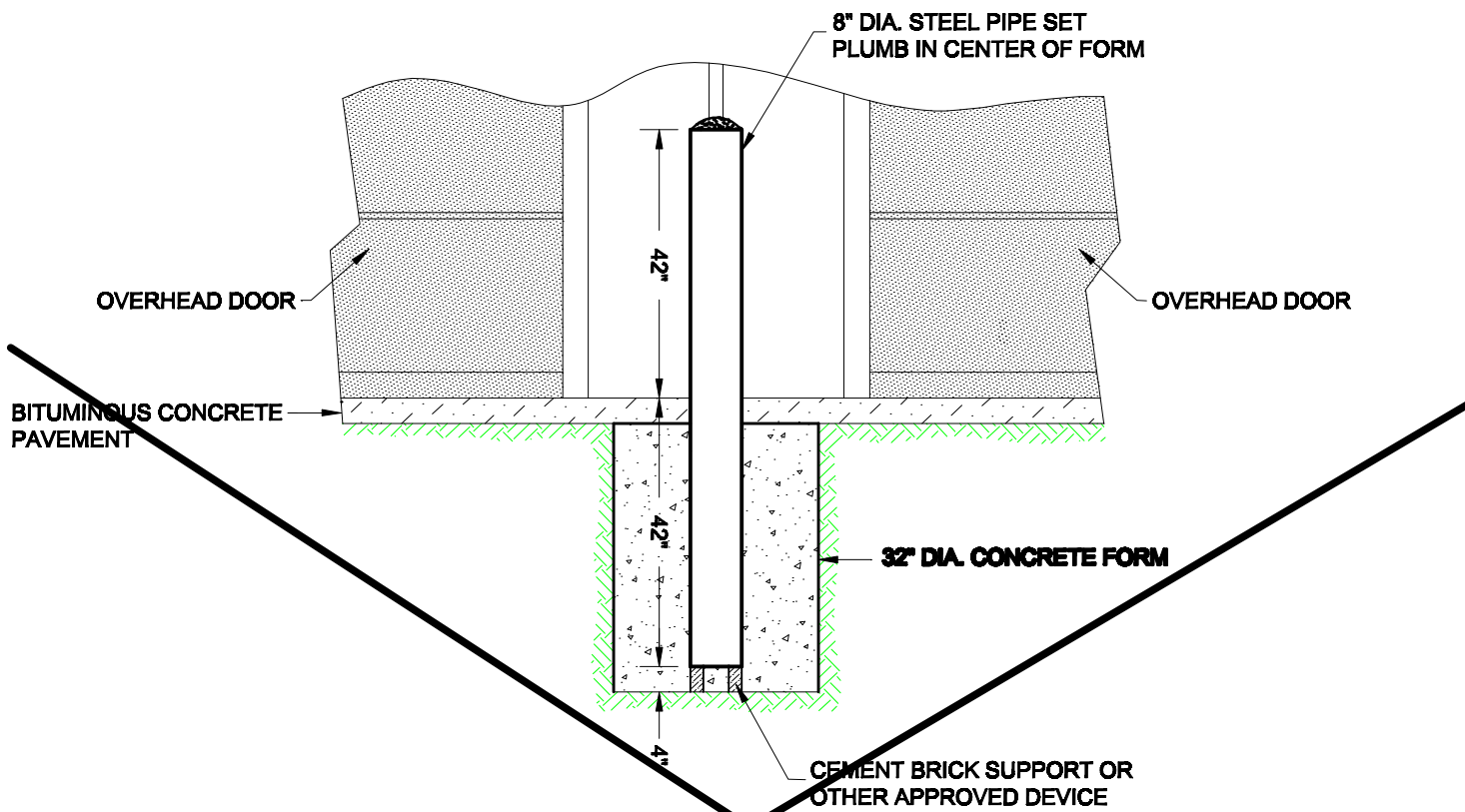
- BOLLARD SHALL BE MANUFACTURED USING 8" I.D. (NOM.) SCHEDULE 40 STEEL PIPE, ASTM A36 (MIN).
  - PORTLAND CEMENT CONCRETE SHALL BE USED TO FILL THE ENTIRE LENGTH OF PIPE. AT THE TOP OF THE BOLLARD THE CONCRETE SHALL BE FORMED INTO A UNIFORM CONVEX SHAPE WITH MAXIMUM HEIGHT OF ONE (1) INCH ABOVE THE RIM OF THE PIPE.
  - PORTLAND CEMENT CONCRETE USED TO FILL AND SURROUND THE LOWER PORTION OF PIPE SHALL BE DOT CLASS "C" CONCRETE THAT WILL ACHIEVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. A MINIMUM OF 0.8 CY OF CONCRETE IS REQUIRED PER BOLLARD.
  - PIPE SHALL COME FROM THE FABRICATOR WITH ONE (1) COAT OF PRIMER ON ITS EXTERIOR SURFACE. UPON COMPLETION OF THE INSTALLATION, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PIPE AND APPLY TWO (2) COATS OF "SAFETY YELLOW" EPOXY RESIN PAINT ON THE EXTERIOR OF THE ABOVEGROUND PORTION OF PIPE, INCLUDING THE CONVEX CONCRETE CAP. EACH COAT OF PAINT SHALL BE APPLIED ACCORDING TO THE PAINT MANUFACTURER'S SPECIFICATIONS WITH AT LEAST TWENTY-FOUR (24) HOURS BETWEEN APPLICATIONS.
  - AT LEAST TWO (2) CONCRETE BRICKS OR OTHER MATERIAL APPROVED BY THE ENGINEER SHALL BE PLACED UNDER THE END OF THE PIPE TO PREVENT IT FROM MAKING DIRECT CONTACT WITH UNDERLYING SOIL.
- EXCAVATIONS THAT ARE MADE DEEPER THAN REQUIRED SHALL BE REFILLED TO THE PROPER ELEVATION AND COMPACTED WITH A VIBRATORY COMPACTOR. ALL LIFTS NO GREATER THAN EIGHT (8) INCHES TO AT LEAST 95% DRY DENSITY FOR THAT COMPACTED GRANULAR FILL.

N.I.C.



PLAN VIEW

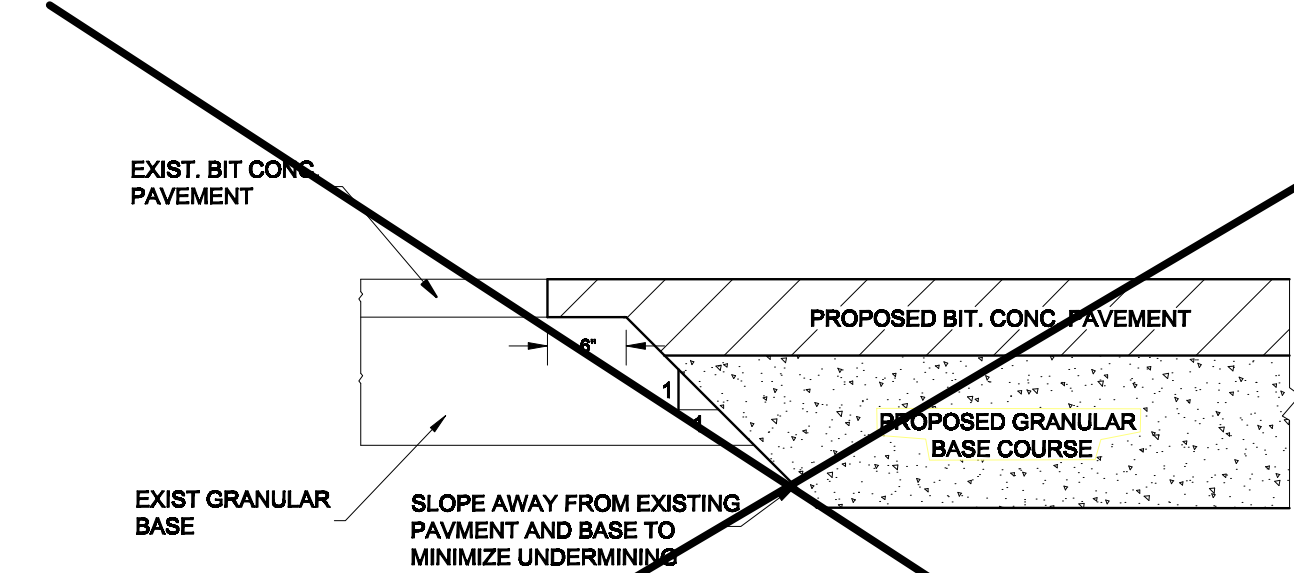
N.I.C.



ELEVATION VIEW

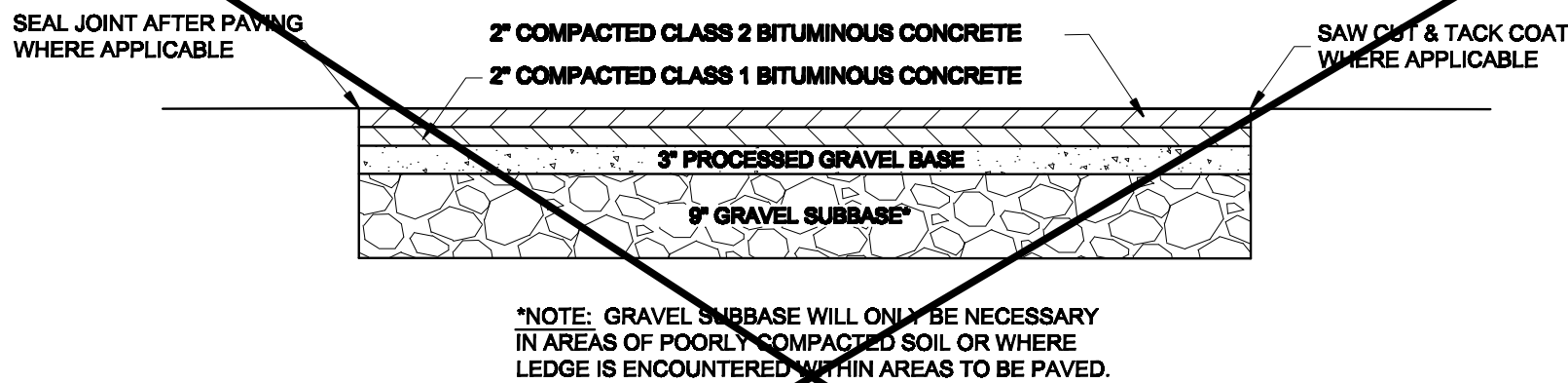
STATIONARY EMBEDDED BOLLARD DETAIL  
(NOT TO SCALE)

N.I.C.



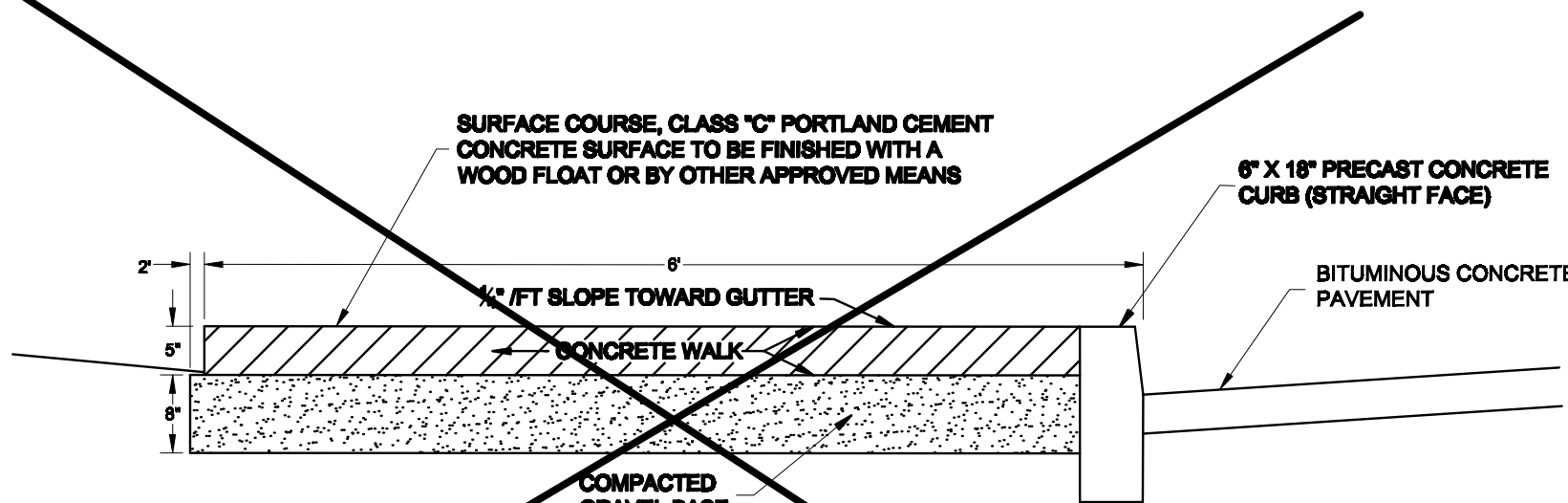
PAVEMENT TRANSITION DETAIL AT CUT & MATCH LINE  
(NOT TO SCALE)

N.I.C.



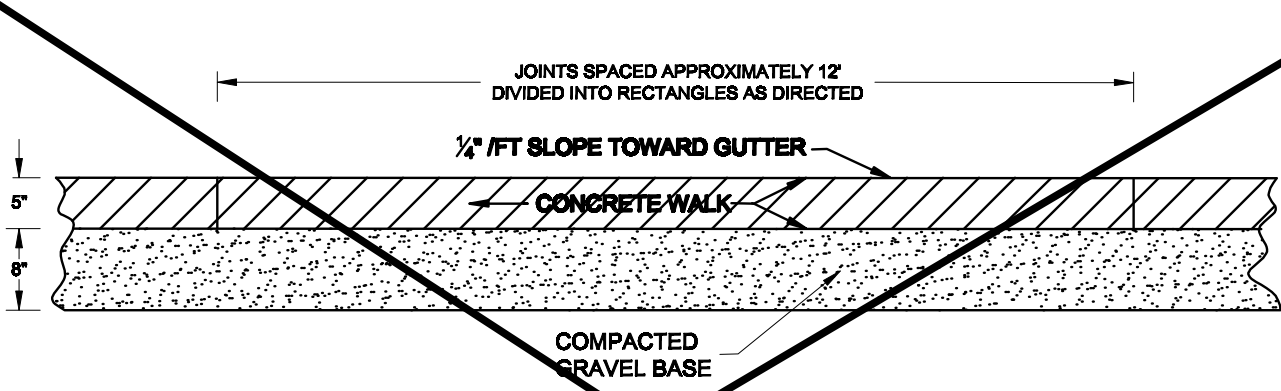
NEW PAVEMENT CROSS SECTION  
(NOT TO SCALE)

N.I.C.



CROSS-SECTION

N.I.C.



LONGITUDINAL SECTION

PORTLAND CEMENT CONCRETE SIDEWALK DETAIL  
(NOT TO SCALE)

N.I.C.

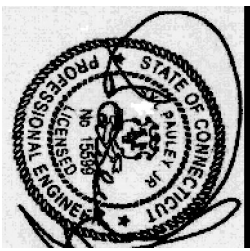
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DESIGNER/DRAFTER:	
CHECKED BY:	
SCALE:	NONE

NORTHEASTERN CONNECTICUT  
COUNCIL OF GOVERNMENTS

ENGINEER: SYL PAULEY, JR., P.E.  
APPROVED BY: DATE: NOVEMBER 2, 2012



PROJECT TITLE: PROPOSED  
DEPARTMENT OF PUBLIC WORKS  
MAINTENANCE/STORAGE BUILDING  
111 KINNE ROAD  
CANTERBURY, CONNECTICUT

TOWN: CANTERBURY, CT  
DRAWING TITLE: CONSTRUCTION DETAILS

PROJECT NUMBER:    
DRAWING NUMBER:    
SHEET NUMBER: CD-1